

Chief Secretary's Office, Adelaide, October 28th, 1890.

THE following Returns of Births and Deaths registered in South Australia during the undermentioned period are published for general information.  
J. C. BRAY, Chief Secretary.

Return of Births and Deaths registered in South Australia in the Month of September, 1885-1890.

Years .....	1885.	1886.	1887.	1888.	1889.	Average of Five Years.	1890.											Total for 1890.
*Population, Sept. 1	309,584	305,793	309,820	310,454	316,134	925	320,803											
Births....	1,068	953	893	832	878	925	940											7,964
Rate per cent. ....	·345	·311	·289	·267	·278	—	·293											
Deaths—							All Ages.	Under 1 year.	1 and under 5.	6 and under 20	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not statel.	Inquest cases	Uncertl- fied causes of Death.	
All causes .....	257	258	253	264	247	256	287	71	30	23	45	49	54	15	—	24	18	3,003
Rate per cent. ....	·083	·084	·082	·085	·078	—	·089	—	—	—	—	—	—	—	—	—	—	
Diseases—																		
I. Specific Febrile or Zymotic ..	20	25	18	27	14	—	28	14	8	3	3	—	—	—	—	—	—	
II. Parasitic .....	—	—	1	2	2	—	—	—	—	—	—	—	—	—	—	—	—	
III. Dietic .....	3	1	1	1	3	—	1	—	—	—	1	—	—	—	—	—	—	
IV. Constitutional..	50	40	58	44	53	—	57	3	6	5	19	18	6	—	—	—	—	
V. Developmental..	34	32	33	37	29	—	33	12	—	—	—	—	12	9	—	—	—	
VI. Local .....	115	128	121	125	114	—	138	34	10	12	16	27	33	6	—	—	—	
VII. Violence .....	14	20	8	13	17	—	16	2	4	3	3	3	1	—	—	—	—	
VIII. Ill-defined and not specified causes .....	21	12	13	15	15	—	14	6	2	—	3	1	2	—	—	—	—	

\* The numbers represent the population of South Australia proper, and are exclusive of that of the Northern Territory (European and Chinese), which at last census was 4,521, and also the aborigines, which at last census was 6,346.

Causes of Deaths registered in the Month of September, 1890.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Other constitutional diseases	2	4	Accidents of childbirth....	—	1
Measles .....	—	—	V.			Diseases of locomotive sys- tem .....	—	1
Scarlet fever .....	—	—	Premature birth.....	10	—	Diseases of integumentary system.....	—	—
Relapsing fever .....	—	—	Cyanosis .....	—	—	VII.		
Influenza .....	—	—	Congenital defects .....	2	—	(Accident.)		
Whooping-cough .....	11	4	Old age .....	—	21	Fracture and contusion....	—	6
Diphtheria .....	—	7	VI.			Gunshot wound .....	—	1
Simple and ill-defined fever..	—	—	Apoplexy .....	—	8	Cut, stab.....	—	—
Enteric fever .....	—	3	Epilepsy .....	—	3	Burn and scald .....	—	1
Simple cholera .....	—	—	Convulsions .....	6	1	Poison .....	—	—
Diarrhoea, dysentery.....	3	—	Other diseases of brain and nervous system .....	2	10	Drowning .....	—	2
Remittent fever .....	—	—	Diseases of organs of special sense .....	—	1	Suffocation .....	2	1
Venereal affections.....	—	—	Diseases of circulatory sys- tem .....	1	24	Otherwise .....	—	—
Erysipelas .....	—	—	Croup .....	—	3	(Homicide.)		
Pyæmia and septicæmia ....	—	—	Bronchitis .....	11	10	Murder and manslaughter..	—	1
Puerperal fever .....	—	—	Pneumonia .....	9	9	(Suicide.)		
Other zymotic diseases .....	—	—	Pleurisy .....	—	1	Gunshot wound .....	—	2
II.			Other diseases of respiratory system.....	—	1	Cut, stab.....	—	—
Thrush .....	—	—	Dentition .....	—	—	Poison .....	—	—
Worms and other parasitical diseases .....	—	—	Quinsy, sore throat .....	—	—	Drowning .....	—	—
III.			Enteritis .....	—	1	Hanging .....	—	—
Privation—want of breast milk	—	1	Peritonitis .....	—	3	Otherwise .....	—	—
Alcoholism .....	—	—	Diseases of liver.....	1	7	VIII.		
IV.			Other diseases of digestive system.....	3	9	Dropsy .....	—	1
Rheumatic fever and rheuma- tism of heart .....	—	1	Diseases of lymphatic sys- tems and of ductless glands	—	—	Debility, atrophy, inanition	6	3
Rheumatism .....	—	1	Diseases of urinary system	1	10	Mortification .....	—	—
Gout .....	—	—	Diseases of generative sys- tem .....	—	1	Tumor .....	—	—
Cancer, malignant disease ....	—	12				Abscess .....	—	—
Tabes mesenterica .....	—	1				Hæmorrhage .....	—	—
Tubercular meningitis .....	—	5				Sudden, cause unascertained	—	—
Phthisis .....	—	26				Other ill-defined and not specified causes .....	—	4
Scrofula tuberculosis .....	1	4						

## Return of Births and Deaths registered in City of Adelaide in the Month of September, 1885-90.

Years .....	1885.	1886.	1887.	1888.	1889.	Average of Five Years.	1890.											Total for 1890.
Population, Jan. 1st	43,969	45,333	42,904	43,527	43,750		44,581											
Births .....	114	111	101	82	80	98	117											866
Rate per cent.....	·259	·245	·235	·188	·183	—	·262											
<i>Deaths—</i>							All Ages.	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	Inquest cases.	Uncerti- fied causes of death.	
All causes .....	39	52	54	59	61	53	54	10	4	3	12	10	14	1	—	3	2	693
Rate per cent.....	·089	·115	·126	·136	·139	—	·123	—	—	—	—	—	—	—	—	—	—	
<i>Diseases—</i>																		
I. Specific Febrile or Zymotic ..	3	7	3	8	4	—	6	3	2	1	—	—	—	—	—	—	—	
II. Parasitic .....	—	—	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	
III. Dietic .....	1	—	—	1	3	—	1	—	—	—	1	—	—	—	—	—	—	
IV. Constitutional ..	11	6	16	14	14	—	12	—	1	—	6	4	1	—	—	—	—	
V. Developmental...	4	2	6	6	6	—	8	2	—	—	—	—	5	1	—	—	—	
VI. Local .....	15	31	25	22	26	—	22	4	—	2	3	6	7	—	—	—	—	
VII. Violence .....	1	3	2	3	3	—	1	—	—	—	1	—	—	—	—	—	—	
VIII. Ill-defined and not specified causes ....	4	3	1	3	5	—	4	1	1	—	1	—	1	—	—	—	—	

## Causes of Deaths registered in the Month of September, 1890.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Scrofula tuberculosis ....	—	2	Accidents of childbirth ....	—	—
Measles .....	—	—	Other constitutional diseases	—	—	Diseases of locomotive system	—	—
Scarlet fever .....	—	—				Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—	V.					
Influenza .....	—	—	Premature birth .....	1	—	VII. (Accident.)		
Whooping-cough .....	3	—	Cyanosis .....	—	—	Fracture and contusion ....	—	1
Diphtheria .....	—	3	Congenital defects .....	1	—	Gunshot wound .....	—	—
Simple and ill-defined fever ..	—	—	Old age .....	—	6	Cut, stab .....	—	—
Enteric fever .....	—	—				Burn and scald .....	—	—
Simple cholera .....	—	—	VI.			Poison .....	—	—
Diarrhoea, dysentery .....	—	—	Apoplexy .....	—	—	Drowning .....	—	—
Remittent fever .....	—	—	Epilepsy .....	—	—	Suffocation .....	—	—
Venereal affections .....	—	—	Convulsions .....	1	—	Otherwise .....	—	—
Erysipelas .....	—	—	Other diseases of brain and nervous system .....	1	3	(Homicide.)		
Pyæmia and septicæmia ....	—	—	Diseases of organs of special sense .....	—	1	Murder and manslaughter ..	—	—
Puerperal fever .....	—	—	Diseases of circulatory system	—	4	(Suicide.)		
Other zymotic diseases .....	—	—	Croup .....	—	—	Gunshot wound .....	—	—
II.			Bronchitis .....	2	—	Cut, stab .....	—	—
Thrush .....	—	—	Pneumonia .....	—	2	Poison .....	—	—
Worms and other parasitical diseases .....	—	—	Pleurisy .....	—	1	Drowning .....	—	—
III.			Other diseases of respiratory system .....	—	—	Hanging .....	—	—
Privation—want of breast milk	—	—	Dentition .....	—	—	Otherwise .....	—	—
Alcoholism .....	—	1	Quinsy, sore throat .....	—	—			
IV.			Enteritis .....	—	—	VIII.		
Rheumatic fever and rheuma- tism of heart .....	—	—	Peritonitis .....	—	1	Dropsy .....	—	1
Rheumatism .....	—	—	Diseases of liver .....	—	1	Debility, atrophy, inanition	1	2
Gout .....	—	—	Other diseases of digestive system .....	—	2	Mortification .....	—	—
Cancer, malignant disease ..	—	3	Diseases of lymphatic sys- tems and of ductless glands	—	—	Tumor .....	—	—
Tabes mesenterica .....	—	1	Diseases of urinary system	—	3	Abscess .....	—	—
Tubercular meningitis .....	—	—	Diseases of generative system	—	—	Hæmorrhage .....	—	—
Phthisis .....	—	6				Sudden, cause unascertained	—	—
						Other ill-defined and not specified causes .....	—	—



*Return of Births and Deaths registered in each Ward of the City of Adelaide, exclusive of Deaths in Public Institutions, of persons not usually resident in the city, in the Month of September, 1890.*

	Total.	Hindmarsh.	Gawler.	Grey.	Young.	Robe.	MacDonnell.
Area in acres .....	3,632	573	659	552	718	480	650
Estimated population January 1st .....	44,581	8,096	8,718	9,177	9,320	4,018	5,252
Persons to an acre .....	12·3	14·1	13·2	16·6	13·0	8·4	8·1
Births .....	117	25	13	30	28	9	12
Male .....	55	16	6	12	11	3	7
Female .....	62	9	7	18	17	6	5
Deaths .....	51	7	11	12	6	7	8
Male .....	30	6	6	5	4	5	4
Female .....	21	1	5	7	2	2	4
CLASSES.							
I. Specific Febrile or Zymotic Diseases .....	6	—	—	2	2	—	2
II. Parasitic Diseases .....	—	—	—	—	—	—	—
III. Dietic Diseases .....	1	—	—	1	—	—	—
IV. Constitutional Diseases .....	11	4	3	1	—	3	—
V. Developmental Diseases .....	8	3	—	2	1	2	—
VI. Local Diseases .....	20	—	4	6	2	2	6
VII. Violence .....	1	—	1	—	—	—	—
VIII. Ill-defined and not specified causes .....	4	—	3	—	1	—	—
Percentage of Deaths to population of each Ward .....	·114	·086	·126	·131	·064	·174	·152

*Causes of Deaths registered in the Month of September, 1890.*

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Phthisis .....	—	6	Accidents of childbirth ....	—	—
Measles .....	—	—	Scrofula tuberculosis .....	—	1	Diseases of locomotive system	—	—
Scarlet fever .....	—	—	Other constitutional diseases.	—	—	Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—						
Influenza .....	—	—	V.					
Whooping-cough .....	3	—	Premature birth .....	1	—			
Diphtheria .....	—	3	Cyanosis .....	—	—	VII.		
Simple and ill-defined fever ..	—	—	Congenital defects .....	1	—	(Accident.)		
Enteric fever .....	—	—	Old age .....	—	6	Fracture and contusion ....	—	1
Simple cholera .....	—	—				Gunshot wound .....	—	—
Diarrhoea, dysentery .....	—	—	VI.			Cut, stab .....	—	—
Remittent fever .....	—	—	Apoplexy .....	—	—	Burn and scald .....	—	—
Venereal affections .....	—	—	Epilepsy .....	—	—	Poison .....	—	—
Erysipelas .....	—	—	Convulsions .....	1	—	Drowning .....	—	—
Pyæmia and septicæmia ....	—	—	Other diseases of brain and nervous system .....	1	3	Suffocation .....	—	—
Puerperal fever .....	—	—	Diseases of organs of special sense .....	—	—	Otherwise .....	—	—
Other zymotic diseases .....	—	—	Diseases of circulatory system	—	4	(Homicide.)		
			Croup .....	—	—	Murder and manslaughter ..	—	—
II.			Bronchitis .....	2	—	(Suicide.)		
Thrush .....	—	—	Pneumonia ..	—	1	Gunshot wound .....	—	—
Worms and other parasitical diseases .....	—	—	Pleurisy .....	—	1	Cut, stab .....	—	—
			Other diseases of respiratory system .....	—	—	Poison .....	—	—
III.			Dentition .....	—	—	Drowning .....	—	—
Privation — Want of breast milk .....	—	—	Quinsy, sore throat ..	—	—	Hanging .....	—	—
Alcoholism .....	—	1	Enteritis .....	—	—	Otherwise .....	—	—
			Peritonitis .....	—	1			
IV.			Diseases of liver .....	—	1	VIII.		
Rheumatic fever and rheu- matism of heart .....	—	—	Other diseases of digestive system .....	—	2	Dropsy .....	—	1
Rheumatism .....	—	—	Diseases of lymphatic systems and of ductless glands ....	—	—	Debility, atrophy, inanition	1	2
Gout .....	—	—	Diseases of urinary system ..	—	3	Mortification .....	—	—
Cancer, malignant disease ..	—	3	Diseases of generative system	—	—	Tumor .....	—	—
Tabes mesenterica .....	—	1				Abscess .....	—	—
Tubercular meningitis .....	—	—				Hæmorrhage .....	—	—
						Sudden, cause unascertained.	—	—
						Other ill-defined and not spe- cified causes .....	—	—

G. H. AYLIFFE, Registrar-General of Births and Deaths.

SEPTEMBER, 1890.

The highest temperature in the shade at the Adelaide Observatory during the month was 83°·4 on the 26th; and the lowest, 41°·4, on the 8th. The mean temperature of the month was 58°·4.

The greatest range of the thermometer in one day, 29°·8, took place on the 26th, viz., from a maximum of 83°·4 to a minimum of 53°·6; the lowest range, 10°·0, on the 14th.

The mean height of the barometer was 29·870 inches; the maximum, 30·207 inches, occurred on the 1st; and the minimum, 29·210 inches, on the 26th.

Observatory, Adelaide, October 10th, 1890.

C. TODD, Observer.

Births and Deaths registered in the under-mentioned corporate towns in the Quarter ended September 30th, 1890.

Corporate Towns.	Estimated Population July 1st, 1890.	Registered during Quarter.			The Deaths registered in the Quarter include Deaths from—								
		Births.	Deaths.		Measles.	Scarlet Fever.	Diph- theria	Whooping Cough.	Enteric Fever.	Diarrhœa and Dysentery.	Diseases of Respira- tory System.	Phthisis.	Diseases of Circula- tory System.
			Total.	Under One Year.									
Adelaide .....	44,709	315	201	27	—	—	6	12	2	3	18	22	15
Hindmarsh .....	7,895	79	28	5	—	—	—	3	—	—	—	3	5
Thebarton .....	2,831	31	11	1	—	—	2	2	—	—	—	2	1
Port Adelaide .....	5,856	46	18	3	—	—	1	—	—	1	2	2	3
Semaphore .....	6,060	81	20	8	—	—	2	2	—	—	3	2	2
Glenelg .....	3,167	24	17	1	—	—	—	—	—	—	5	4	2
Brighton .....	895	3	2	—	—	—	—	—	—	—	—	—	—
Unley .....	9,726	101	42	9	—	—	1	3	—	—	10	1	2
St. Peters .....	4,437	42	20	8	—	—	—	1	—	—	3	2	2
Norwood and Kensington .....	11,726	97	25	7	—	—	1	1	—	—	4	4	2
Gawler .....	2,106	14	8	2	—	—	—	2	—	—	1	1	2
Kapunda .....	2,661	20	15	2	—	—	3	—	1	—	4	1	1
Burra .....	3,077	29	19	4	—	—	—	—	—	—	2	3	—
Clare .....	1,315	4	3	1	—	—	—	—	—	—	2	—	—
Jamestown .....	1,156	12	7	—	—	—	1	—	1	—	2	1	—
Port Augusta .....	1,531	19	6	2	—	—	—	—	—	—	3	—	—
Port Pirie .....	2,342	42	12	4	—	—	—	—	—	—	4	1	1
Kadina .....	1,766	17	2	2	—	—	—	—	—	—	—	—	—
Moonta .....	1,647	15	5	1	—	—	—	—	—	—	1	—	—
Walleroo .....	2,173	18	10	3	—	—	—	—	—	—	1	—	2
Goolwa .....	798	3	3	—	—	—	—	—	—	—	2	—	—
Strathalbyn .....	896	7	5	—	—	—	—	—	—	—	1	—	—
Mount Gambier .....	2,790	26	17	2	—	—	3	—	—	—	—	2	1

GEO. H. AYLIFFE, Registrar-General.